

**REMARKS**

In the Office Action dated May 17, 2004, all the elected claims except claims 43, 57 and 58 were allowed. Claim 58 was indicated to be allowable if rewritten in independent form, which has been done by the above amendment. Claims 43 and 57 have been cancelled, as have all the non-elected claims.

Allowed claims 1 and 46 have been amended to recite the features of the "whereby" clauses in original claims 1 and 46 in a more positive manner, and to refer to variations in wavelength and temperature. New claims 63-64 are identical to the amended claims 1 and 46 except that claims 63 and 64 refer to variations in wavelength and strain. The original claims recited variations in wavelength, temperature or strain. New claims 65-68 are dependent on claims 1, 46, 63 and 64, respectively.

This application should now be in condition for allowance.

The required fee for the new claims is submitted herewith. Should any additional fees be required (except for payment of the issue fee), the Commissioner is authorized to deduct the fees from Jenkins & Gilchrist, P.C. Deposit Account No. 10-0447, Order No. 55219-00002USPT.

**Information Disclosure Statement**

Enclosed is a Supplemental Information Disclosure Statement. Applicants respectfully request that this Supplemental Information Disclosure Statement be entered and the reference(s) listed on the attached Form PTO-1449 be considered by the Examiner and made of record.

Dated: August 11, 2004

Respectfully submitted,

By   
Stephen G. Rudisill

Registration No.: 20,087  
JENKENS & GILCHRIST, A  
PROFESSIONAL CORPORATION  
225 W. Washington, Ste. 2600  
Chicago, Illinois 60606-3418  
(312) 425-3900  
(312) 425-3909 (Fax)